

FIG. 1

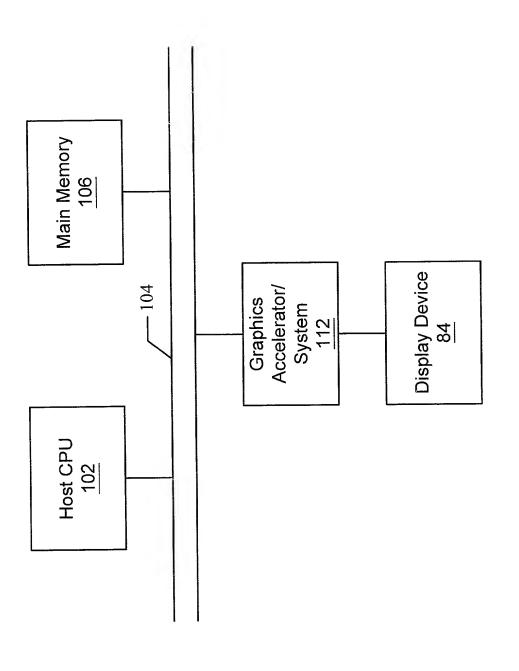
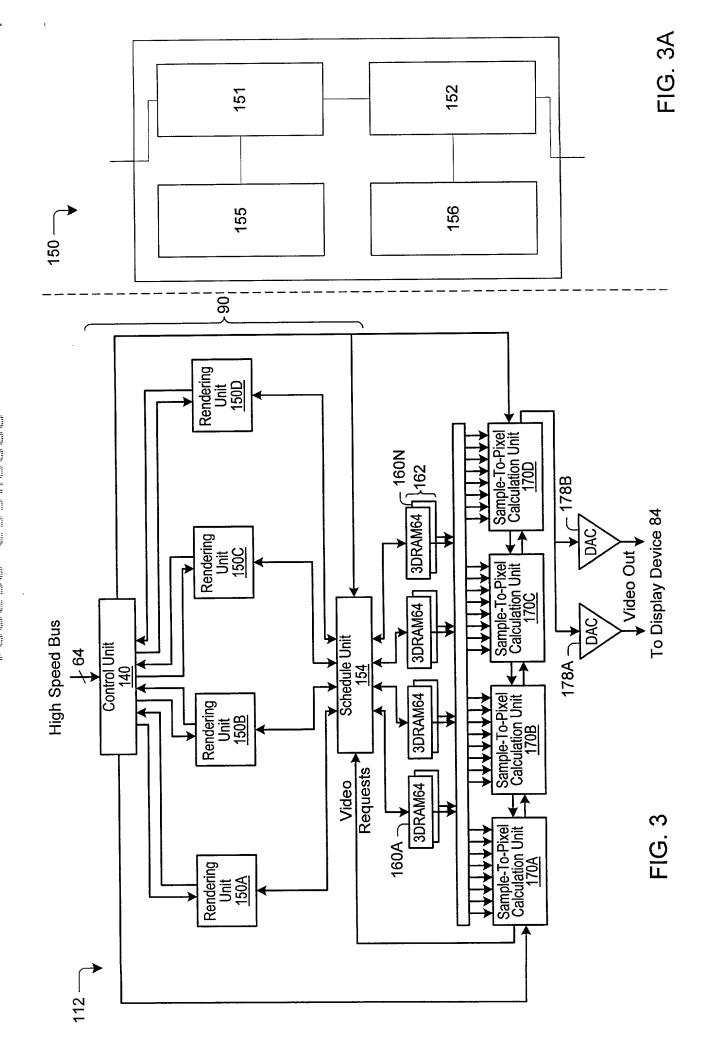


FIG. 2



PIXEL •	PIXEL,	PIXEL •
PIXEL •	PIXEL	PIXEL •
PIXEL •	PIXEL 70	PIXEL •

FIG. 4

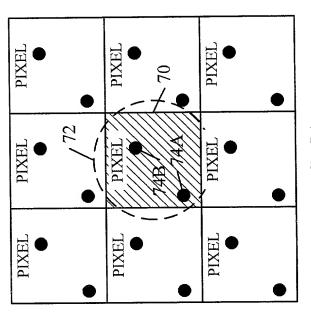


FIG. 5A

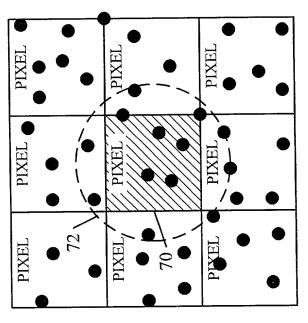
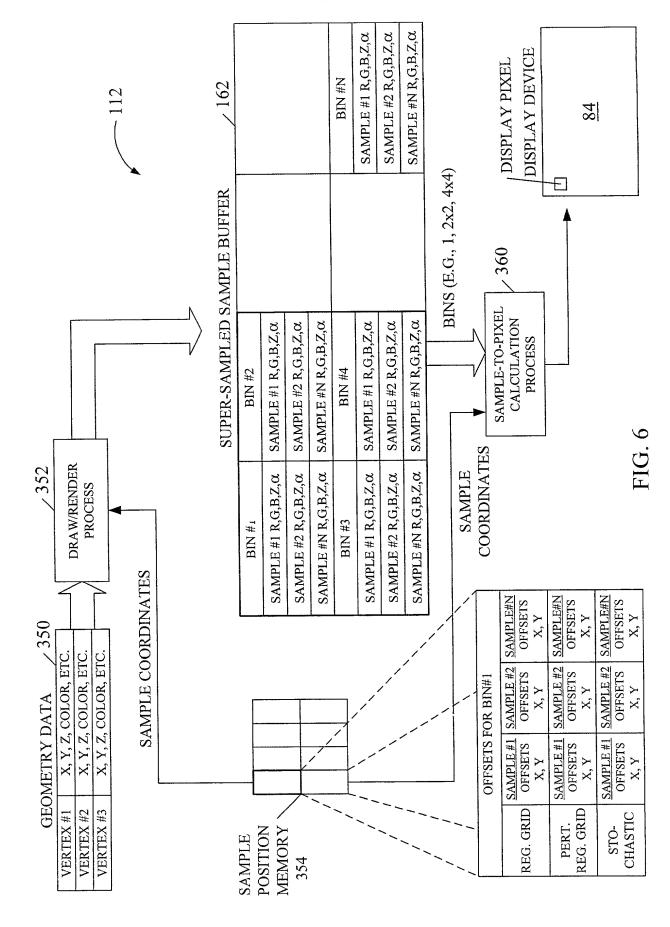
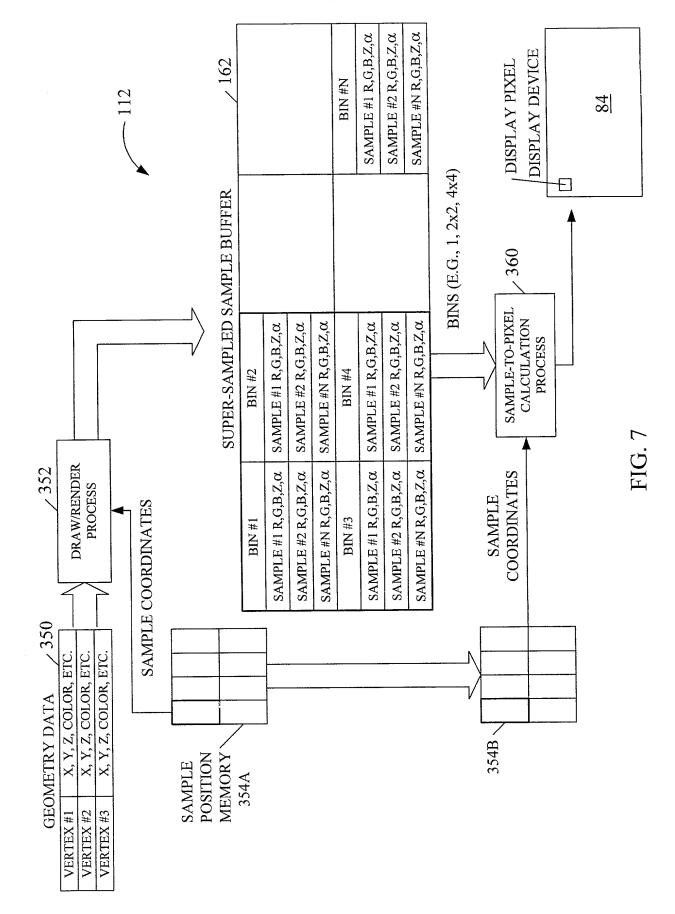
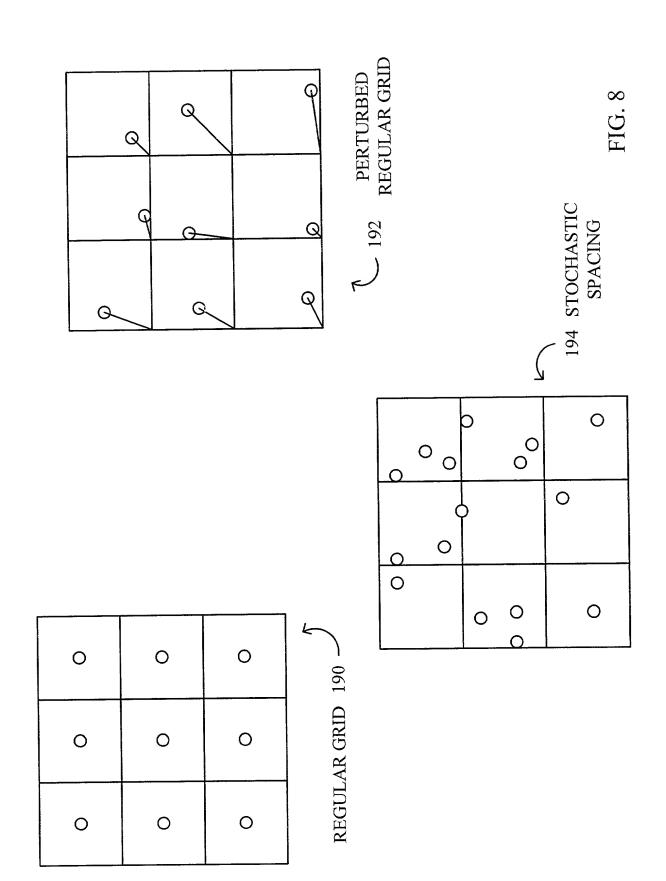


FIG. 5B







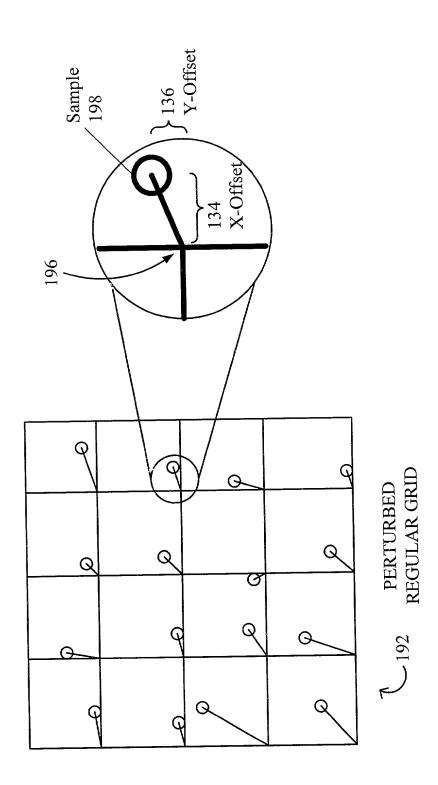


FIG. 9

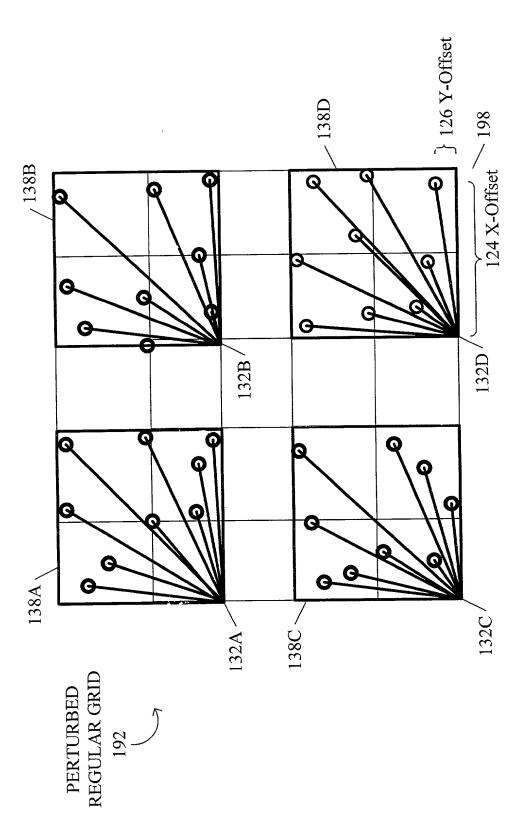
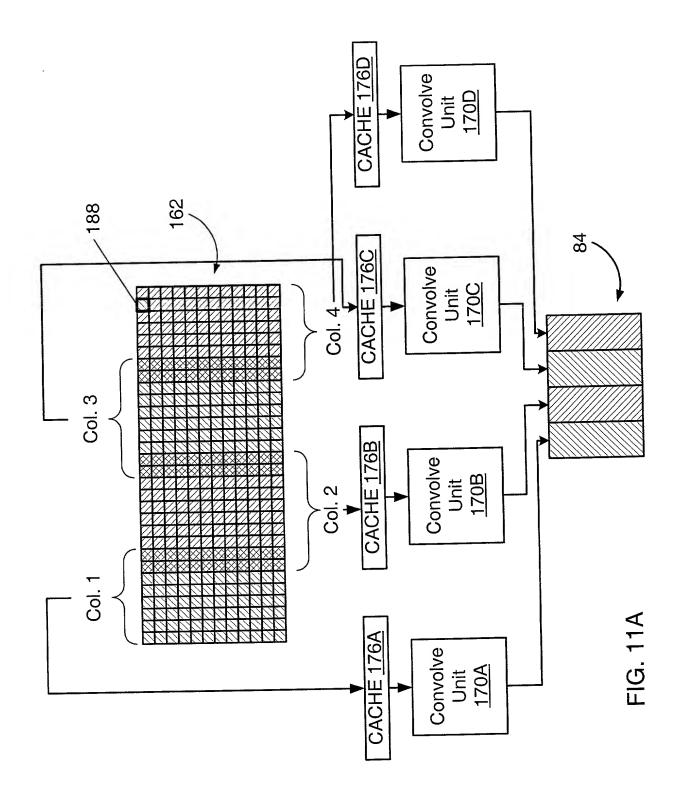


FIG. 10



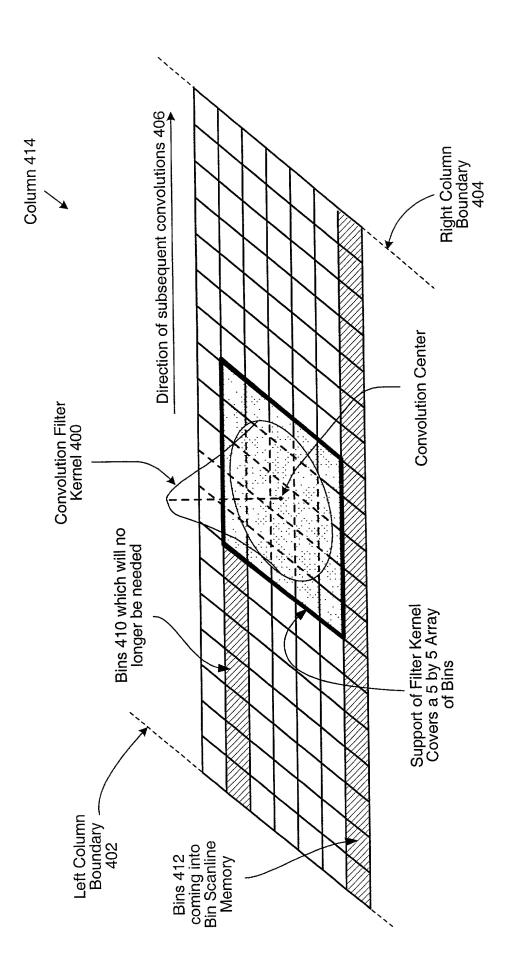


FIG. 11B

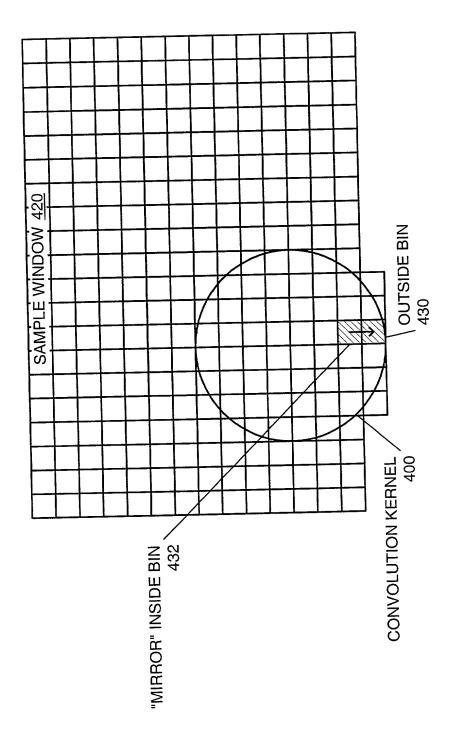


FIG. 11C

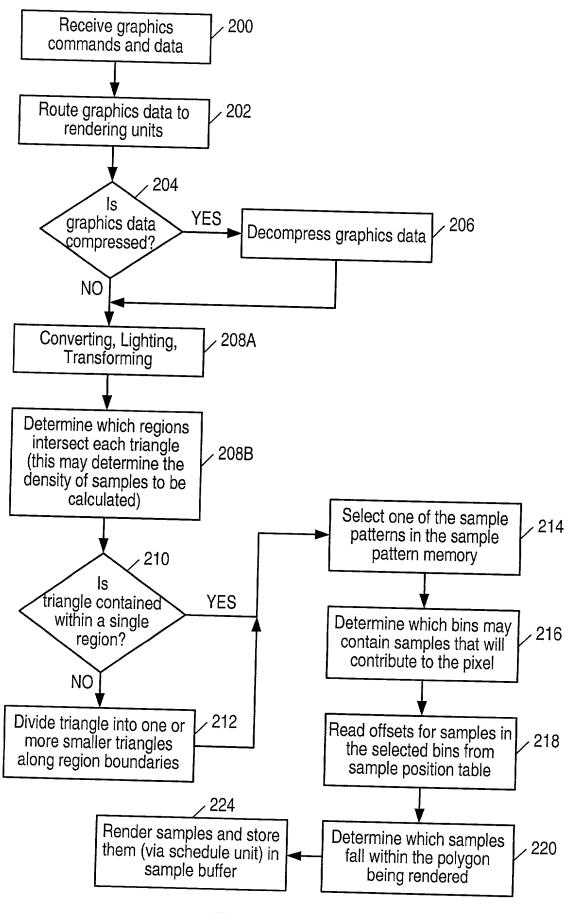


FIG. 12A

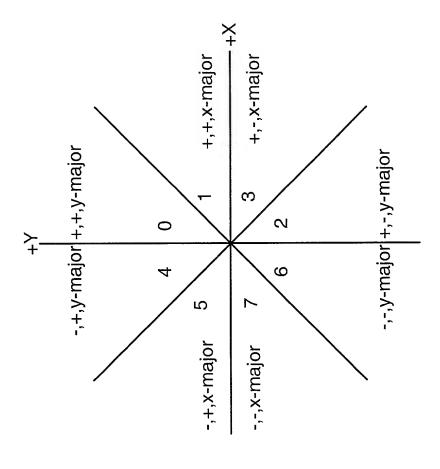


FIG. 12B

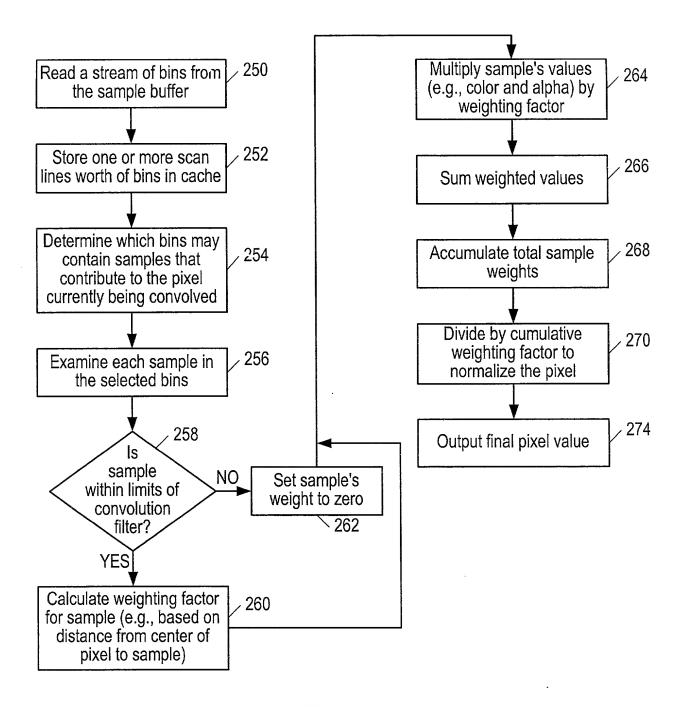


FIG. 13

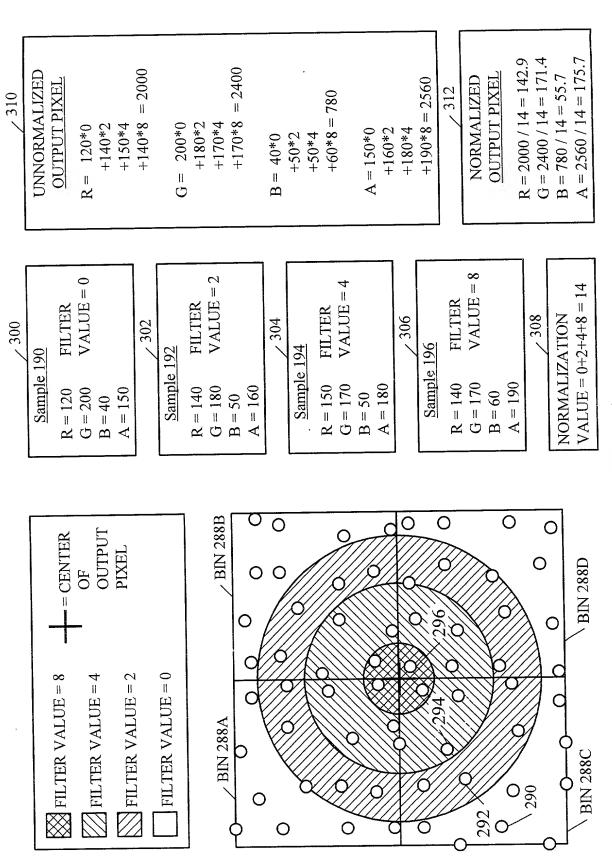


FIG. 14

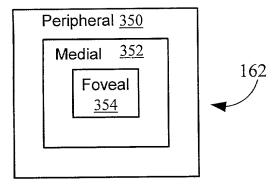


FIG. 15

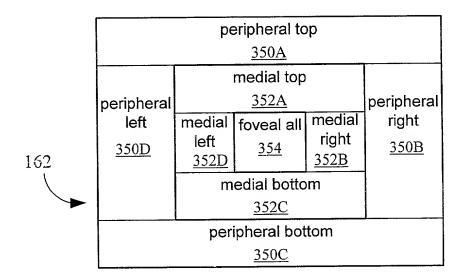
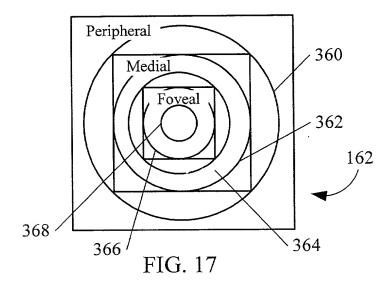
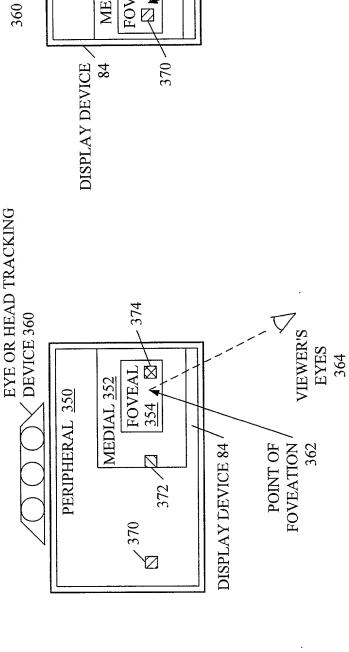


FIG. 16

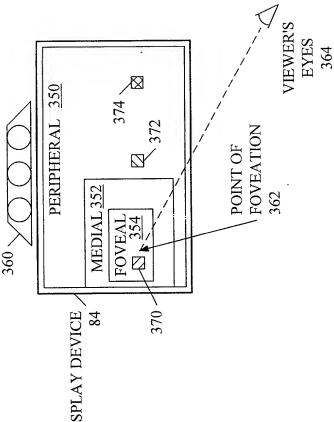




- FOVEAL REGION = 8 SAMPLES PER BIN CONVOLUTION RADIUS TOUCHES 4 BINS TOTAL = 32 SAMPLES MAY CONTRIBUTE
- MEDIAL REGION = 4 SAMPLES PER BIN CONVOLUTION RADIUS TOUCHES 4 BINS TOTAL = 16 SAMPLES MAY CONTRIBUTE
- PERIPHERAL REGION = 1 SAMPLE PER BIN CONVOLUTION RADIUS TOUCHES 1 BIN TOTAL = 1 SAMPLE MAY CONTRIBUTE

FIG. 18A

FIG. 18B



- PERIPHERAL REGION = 1 SAMPLE PER BIN CONVOLUTION RADIUS TOUCHES 1 BIN TOTAL = 1 SAMPLE MAY CONTRIBUTE
- PERIPHERAL REGION = 1 SAMPLE PER BIN CONVOLUTION RADIUS TOUCHES 1 BINS TOTAL = 1 SAMPLE MAY CONTRIBUTE
- FOVEAL REGION = 8 SAMPLES PER BIN CONVOLUTION RADIUS TOUCHES 4 BIN TOTAL = 32 SAMPLE MAY CONTRIBUTE

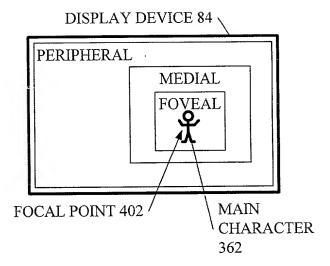


FIG. 19A

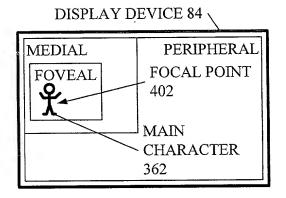


FIG. 19B

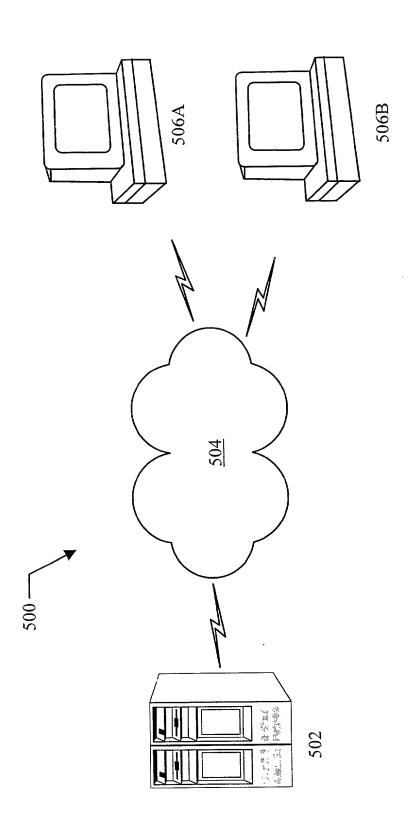


FIG. 20

$$r_i^p = \sum_J c_J r_J^s$$

$$g_i^p = \sum_J c_J g_J^s$$

$$b_i^p = \sum_J c_J b_J^s$$

$$\alpha_i^p = \sum_j c_j \alpha_j^s$$

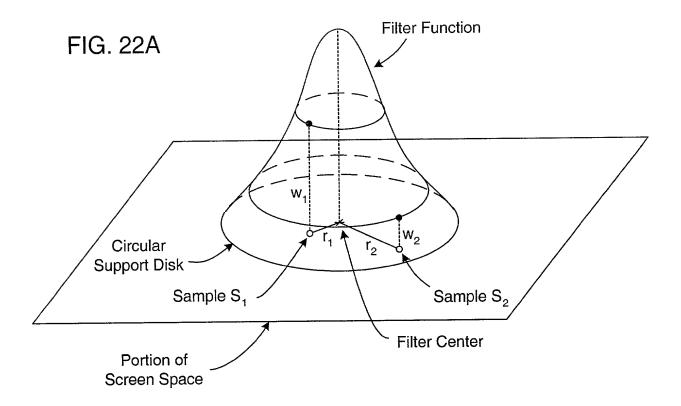
$$c_i^n = \frac{c_i}{\sum_j c_j}$$

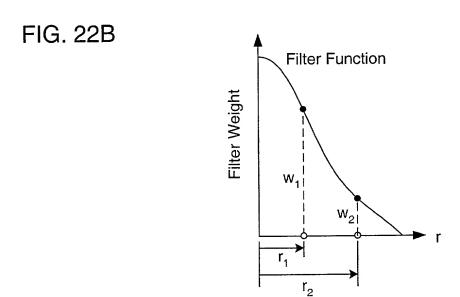
$$r_i^p = \frac{\sum_{j} c_j r_j^s}{\sum_{j} c_j}$$

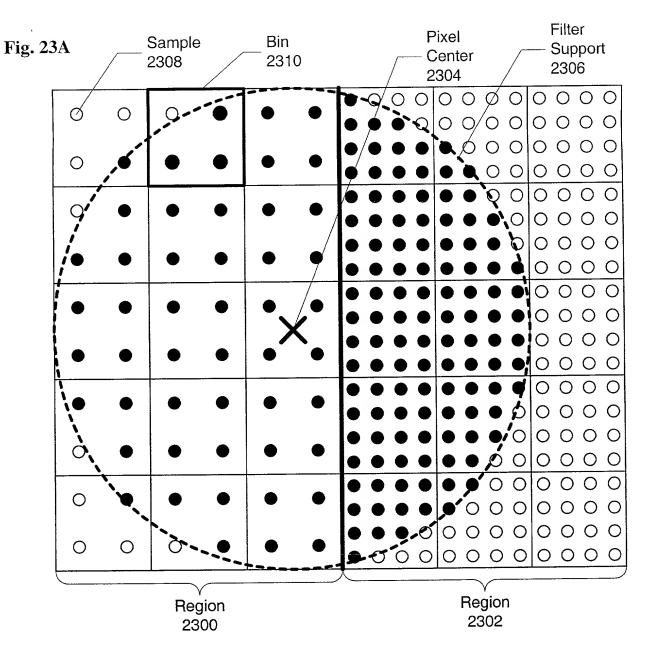
$$g_i^p = \frac{\sum_{J} c_J g_J^s}{\sum_{J} c_J}$$

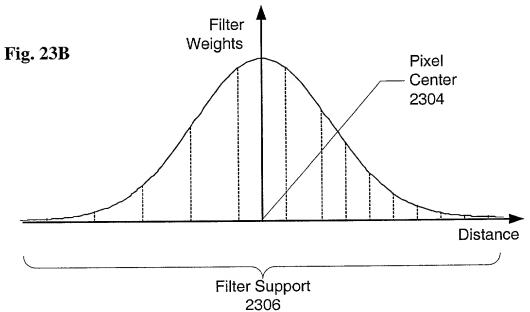
$$b_i^p = \frac{\sum_{j} c_j b_j^s}{\sum_{j} c_j}$$

$$\alpha_i^p = \frac{\sum_{j} c_j \alpha_j^s}{\sum_{j} c_j}$$









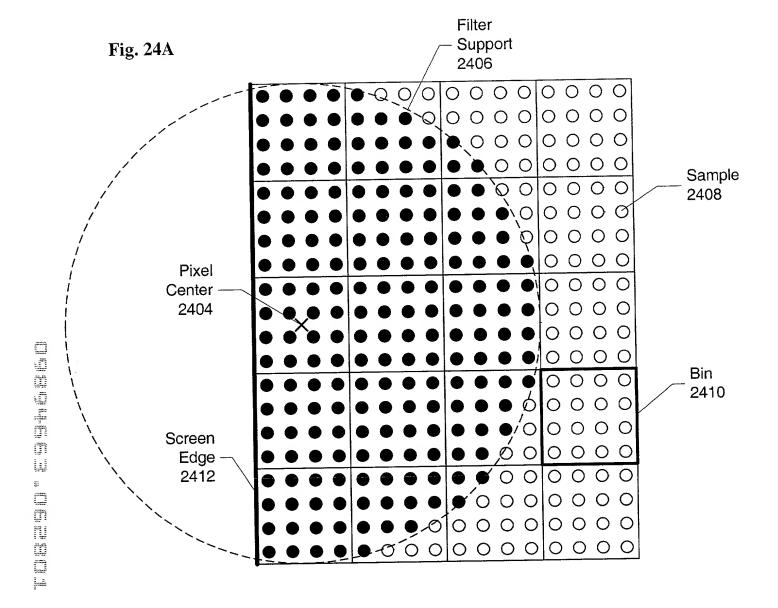


Fig. 24B

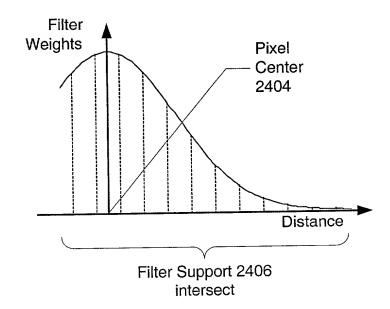
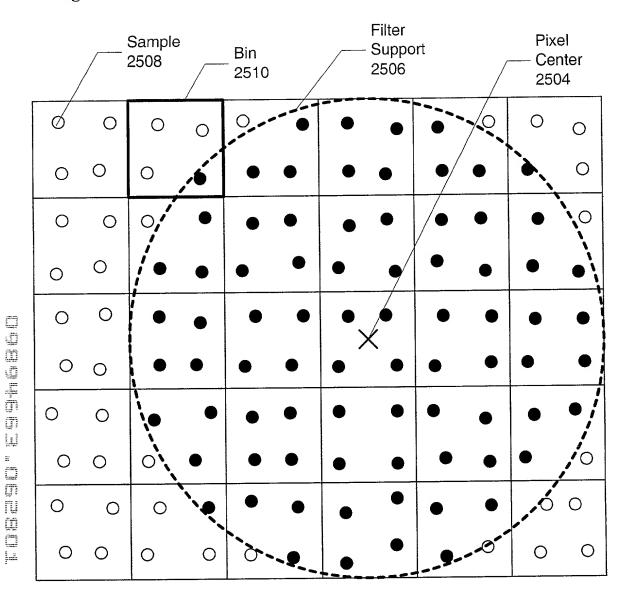
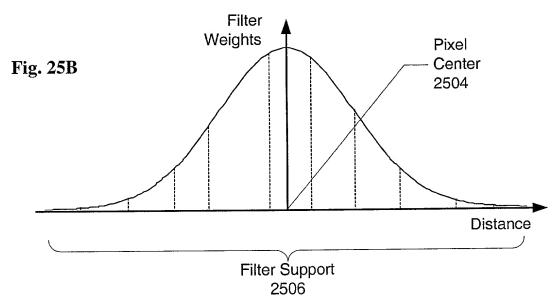
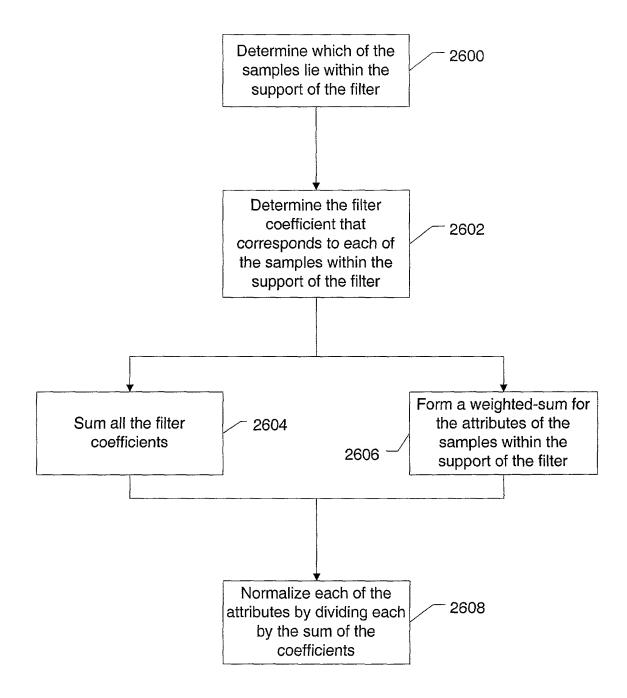


Fig. 25A







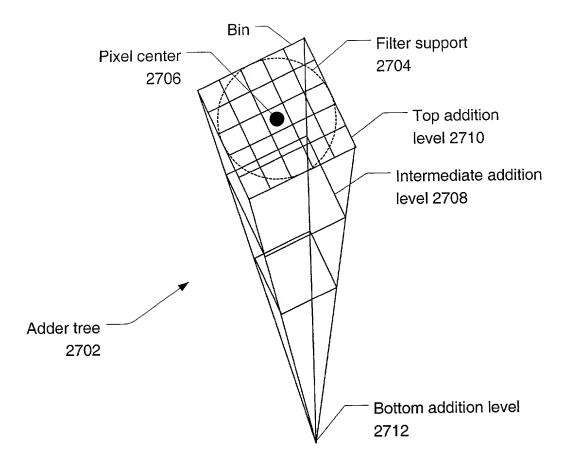


Figure 27

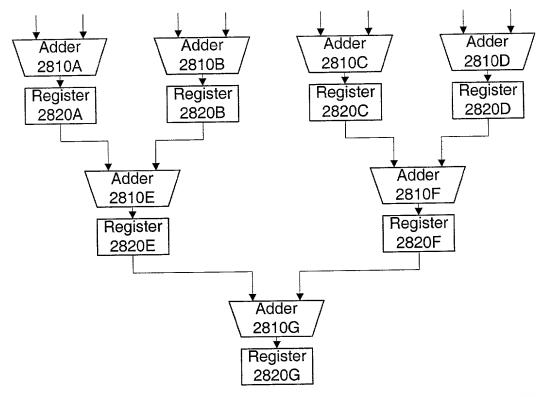
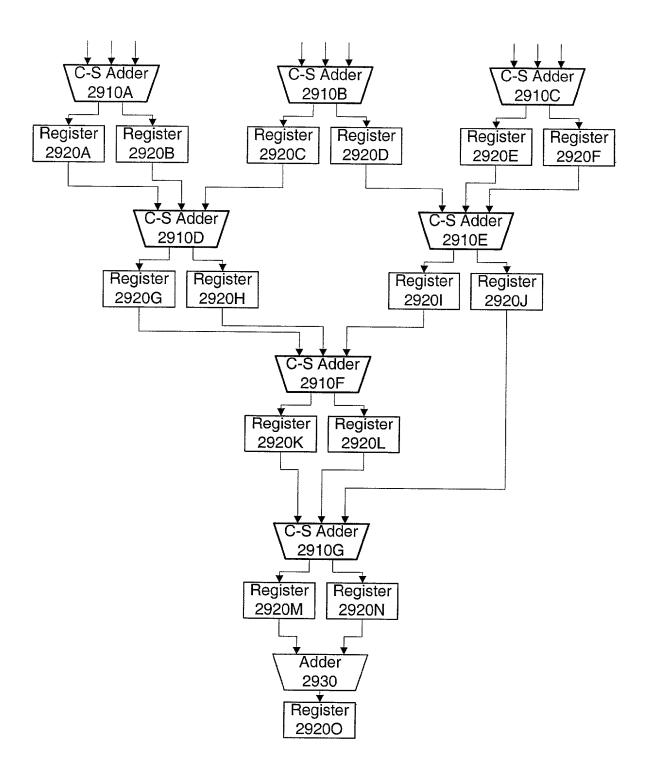


Figure 28



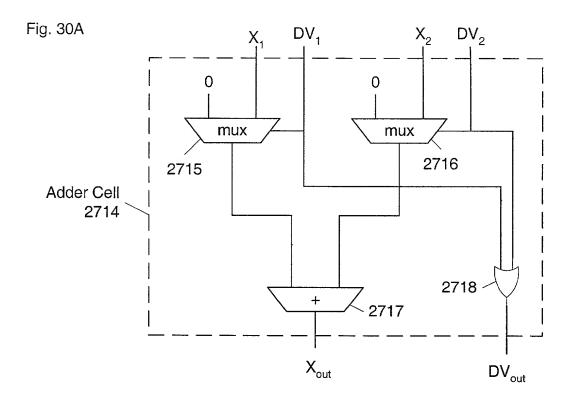


Fig. 30B

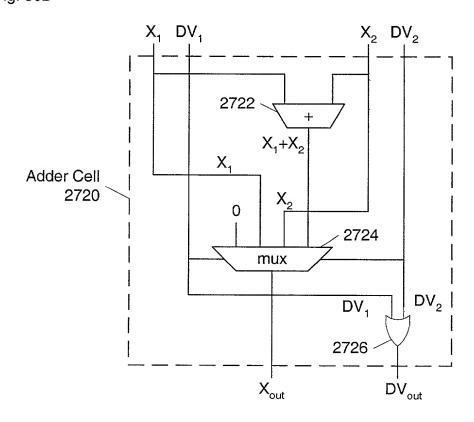
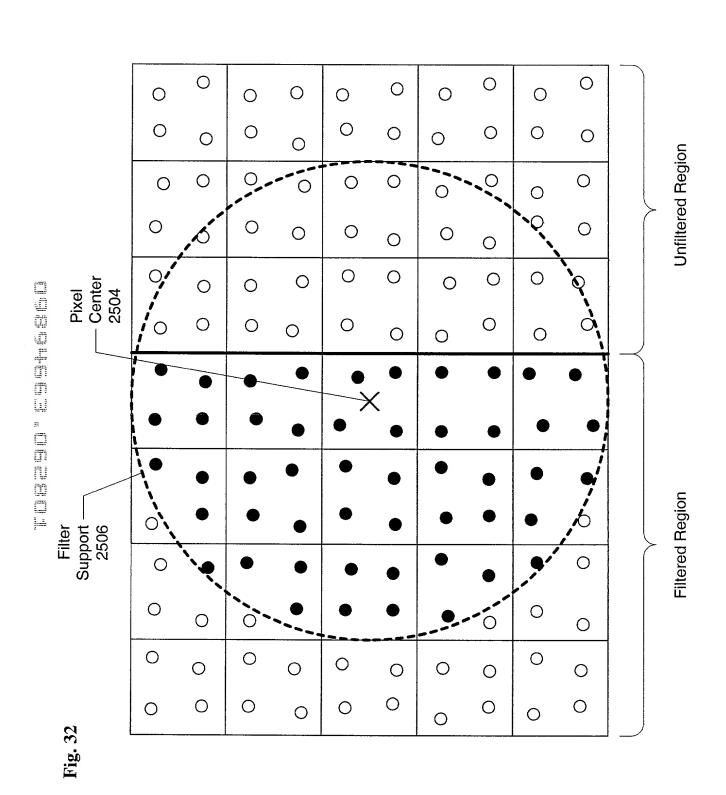


Fig. 31



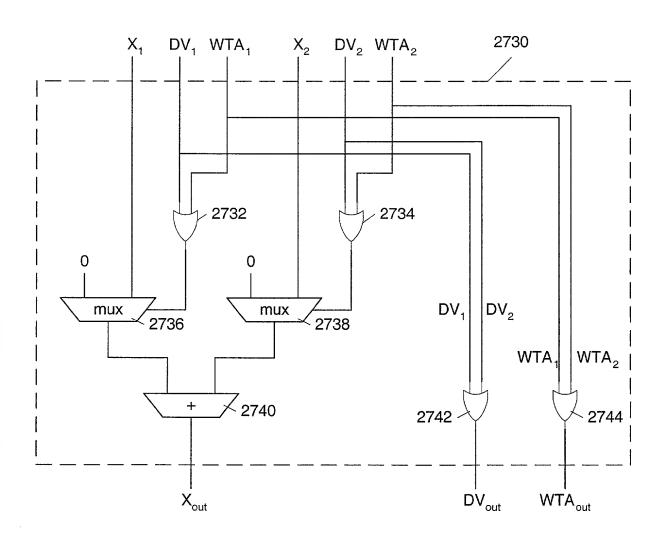


Fig. 33A

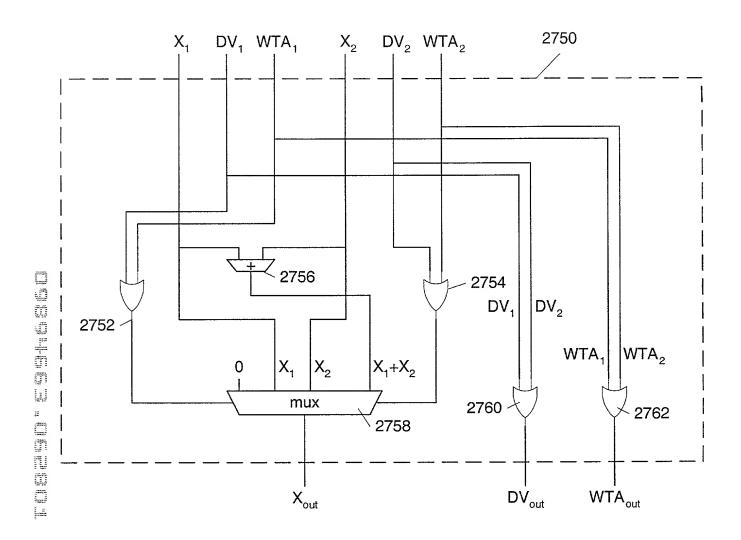


Fig. 33B

Figure 33C

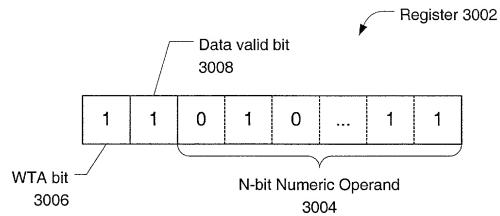
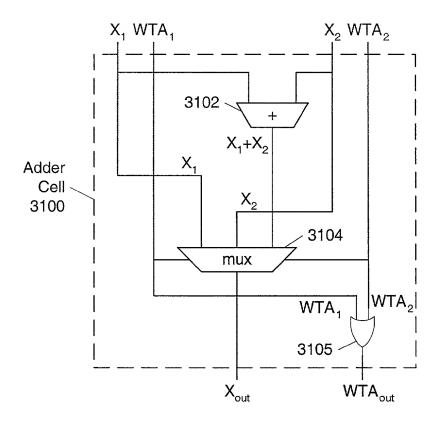


Fig. 34



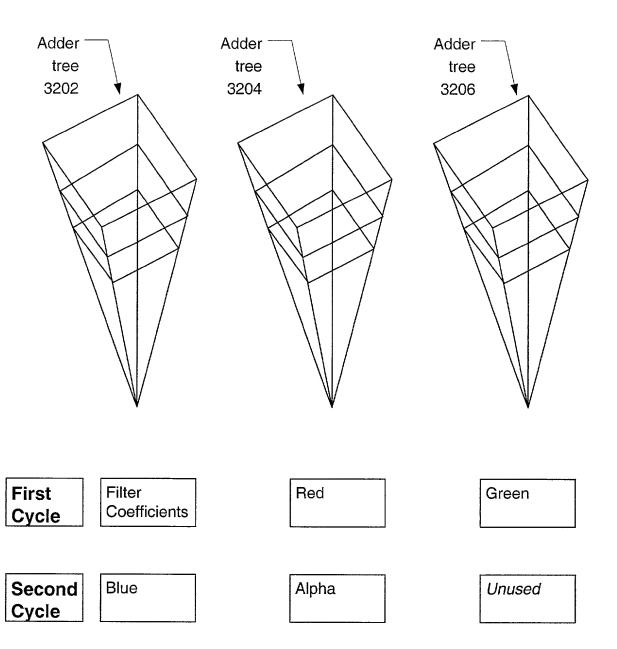


Figure 35

$$d = \sqrt{(x_1 - x_2)^2 + (y_1 - y_2)^2}$$

Eqn. 10

$$d^{2} = (x_{1} - x_{2})^{2} + (y_{1} - y_{2})^{2}$$

Eqn. 11

Figure 36